



POSTER PRESENTATION

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Seroprevalence of Hepatitis B-surface antigen among selected group of population

Rezaul Karim

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Background

The purpose of this study was to collect information about prevalence and socio-demographic features of hepatitis B virus carrier. Also to see the prevalence of HBsAg in relation to age, marital status, education, intravenous injection, surgical treatment and drug addiction.

Methods

A analytical cross sectional study was carried out on one hundred seventeen Rick show Puller and Auto Rick show driver in Kuril area Dhaka. Blood samples were collected in specially covered disposable test tube. The collected samples were properly carried out of Pathology, Dhaka. There blood samples were tested for HBsAg by enzyme linked immunosorbent assay (EISA) method.

Results

Majority of the respondents were in the age group 20 to 29 year's age group that is 41 percent of total subject. The mean age of the respondents was 30.9 years with standard deviation 7.7. Out of 117 respondents 66 were Richshow puller and 51 were Auto rickshaw driver. Among them 30.8 percent were illiterate. The majority of the respondents were Muslim 96.6 percent and 3.4 percent were non-Muslim out of 117 samples. Nine HBsAg positive cases 4 had the history of jaundice and 5 did not have any history of jaundice. 27.4 percent had the history of dental surgery and 72.6 percent do not have the history of dental surgery. 10.3 percent had history of blood transfusion and 89.7 percent do not have history of blood transfusion. Among the 117 respondents, 50.4 percent had the history of taking intravenous injection, 10.3 percent had history of surgical treatment, 6 percent had history of drug addiction, 7 percent had

the history of travel abroad and 31.6 percent had extra-marital sexual practice. 7.7 percent of the respondents found HBsAg positive.

Discussion

In respect of public health stand point these findings are alarming, wide spread transmission of this disease is a great hazards to the population.

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Correspondence: drr_karim@yahoo.com
Nipsom, Dhaka, Bangladesh